AMENDMENTS TO THE CLAIMS

Please amend the claims as shown directly below. This listing of claims will replace all prior versions, and listings, of claims in the application

1-23. (Cancelled)

24. (Currently Amended) A method of controlling the migration of particulates in a subterranean formation comprising ~~the steps of~~:

isolating a zone in a subterranean formation;

providing a resin composition comprising a resin, a hardening agent, a hydrocarbon diluent, a silane coupling agent, a foaming agent, a compressible gas, and a hydrolytically degradable material;

placing the resin composition in at least a portion of the zone; and,

allowing the resin to substantially cure and the hydrolytically degradable material to substantially degrade so as to form a permeable, hardened resin mass.

25. (Currently Amended) The method of claim 24 wherein the resin ~~comprises~~ is selected from the group consisting of an epoxy resin, a furan resin, a phenolic resin, a furan/furfuryl alcohol resin, a phenolic/latex resin, a phenol formaldehyde resin, a polyester resin; a hybrid polyester resin; a copolymers polyester resin; a polyurethane resin; a hybrid polyurethane resin; a copolymers polyurethane resin, an acrylate reins, ~~or~~ and a combination thereof.

26. (Currently Amended) The method of claim 24 wherein the hardening agent ~~comprises~~ is selected from the group consisting of an amine, an aromatic amine, a polyamine, an aliphatic amine, a cyclo-aliphatic amine, an amide, a polyamide, 2-ethyl-4-methyl imidazole, 1,1,3-trichlorotrifluoroacetone, ~~or~~ and a combination thereof.

27. (Original) The method of claim 24 wherein the hardening agent comprises from about 40% to about 60% of the resin composition by weight of the resin therein.

28. (Original) The method of claim 24 wherein the hydrocarbon diluent comprises one or more aromatic hydrocarbons.

29. (Original) The method of claim 24 wherein the hydrocarbon diluent comprises from about 40% to about 60% of the resin composition by weight of the resin therein.

30. (Currently Amended) The method of claim 24 wherein the silane coupling agent ~~comprises~~ is selected from the group consisting of N-2-(aminoethyl)-3-aminopropyltrimethoxysilane, 3-glycidoxypropyltrimethoxysilane, n-beta-(aminoethyl)-gamma-aminopropyl trimethoxysilane, ~~or~~ and a combination thereof.

31. (Original) The method of claim 24 wherein the silane coupling agent comprises from about 0.01% to about 5% of the resin composition by weight of the resin therein.

32. (Currently Amended) The method of claim 24 wherein the foaming agent ~~comprises~~ is selected from the group consisting of a fluorinated alkyl alkoxylate, a fluorinated alkyl ester, a fluorinated aliphatic polymeric ester, ~~or~~ and a combination thereof.

33. (Original) The method of claim 24 wherein the foaming agent comprises from about 0.01% to about 5% of the resin composition by weight of the resin therein.

34. (Currently Amended) The method of claim 24 wherein the compressible gas ~~comprises~~ is selected from the group consisting of air, nitrogen, ~~or~~ and a combination thereof.

35. (Original) The method of claim 24 wherein the compressible gas comprises from about 6 to about 12 pounds per gallon of the resin composition by weight of the sum of all the other components in the resin composition.

36. (Currently Amended) The method of claim 24 wherein the hydrolytically degradable material ~~comprises~~ is selected from the group consisting of a hydrolytically degradable polymer, a dehydrated salt, ~~a material that degrades when subjected to the subterranean formation temperature, or~~ and a combination thereof.

37. (Currently Amended) The method of claim 24 wherein the hydrolytically degradable material comprises from about 1% to about 60% of the resin composition by weight of the resin therein.

38. (Original) The method of claim 24 further comprising a filler material.

39. (Currently Amended) The method of claim 38 wherein the filler material ~~comprises~~ is selected from the group consisting of sand, nut hulls, bauxite, ceramics, polymeric materials, fly ash, bottom ash, ~~or~~ and a combination thereof.

40. (Original) The method of claim 38 wherein the filler comprises from about 1% to about 60% of the resin composition by weight of the resin therein.

41. (Currently Amended) A method of at least partially maintaining the integrity of a subterranean fracture comprising ~~the steps of~~:

providing a resin composition comprising resin, a hardening agent, a hydrocarbon diluent, a silane coupling agent, a foaming agent, a compressible gas, and a hydrolytically degradable material;

placing the resin composition into at least one fracture in a subterranean formation; and,

allowing the resin to substantially cure and the hydrolytically degradable material to substantially degrade so as to form a permeable, hardened resin mass.

42. (Currently Amended) The method of claim 41 wherein the resin ~~comprises~~ is selected from the group consisting of an epoxy resin, a furan resin, a phenolic resin, a furan/furfuryl alcohol resin, a phenolic/latex resin, a phenol formaldehyde resin, a polyester resin; a hybrid polyester resin; a copolymers polyester resin; a polyurethane resin; a hybrid polyurethane resin; a copolymers polyurethane resin, an acrylate reins, ~~or~~ and a combination thereof.

43. (Currently Amended) The method of claim 41 wherein the hardening agent ~~comprises~~ is selected from the group consisting of an amine, an aromatic amine, a polyamine, an aliphatic amine, a cyclo-aliphatic amine, an amide, a polyamide, 2-ethyl-4-methyl imidazole, 1,1,3-trichlorotrifluoroacetone, ~~or~~ and a combination thereof.

44. (Original) The method of claim 41 wherein the hardening agent comprises from about 40% to about 60% of the resin composition by weight of the resin therein.

45. (Original) The method of claim 41 wherein the hydrocarbon diluent comprises one or more aromatic hydrocarbons.

46. (Original) The method of claim 41 wherein the hydrocarbon diluent comprises from about 40% to about 60% of the resin composition by weight of the resin therein.

47. (Currently Amended) The method of claim 41 wherein the silane coupling agent ~~comprises~~ is selected from the group consisting of N-2-(aminoethyl)-3-aminopropyltrimethoxysilane, 3-glycidoxypropyltrimethoxysilane, n-beta-(aminoethyl)-gamma-aminopropyl trimethoxysilane, ~~or~~ and a combination thereof.

48. (Original) The method of claim 41 wherein the silane coupling agent comprises from about 0.01% to about 5% of the resin composition by weight of the resin therein.

49. (Currently Amended) The method of claim 41 wherein the foaming agent ~~comprises~~ is selected from the group consisting of a fluorinated alkyl alkoxylate, a fluorinated alkyl ester, a fluorinated aliphatic polymeric ester, ~~or~~ and a combination thereof.

50. (Original) The method of claim 41 wherein the foaming agent comprises from about 0.01% to about 5% of the resin composition by weight of the resin therein.

51. (Currently Amended) The method of claim 41 wherein the compressible gas ~~comprises~~ is selected from the group consisting of air, nitrogen, ~~or~~ and a combination thereof.

52. (Original) The method of claim 41 wherein the compressible gas comprises from about 6 to about 12 pounds per gallon of the resin composition by weight of the sum of all the other components in the resin composition.

53. (Currently Amended) The method of claim 41 wherein the hydrolytically degradable material ~~comprises~~ is selected from the group consisting of a hydrolytically degradable polymer, a dehydrated salt, ~~a material that degrades when subjected to the subterranean formation temperature,~~ ~~or~~ and a combination thereof.

54. (Currently Amended) The method of claim 41 wherein the hydrolytically degradable material comprises from about 1% to about 60% of the resin composition by weight of the resin therein.

55. (Original) The method of claim 41 further comprising a filler material.

56. (Currently Amended) The method of claim 55 wherein the filler material ~~comprises~~ is selected from the group consisting of sand, nut hulls, bauxite, ceramics, polymeric materials, fly ash, bottom ash, ~~or~~ and a combination thereof.

57. (Original) The method of claim 55 wherein the filler comprises from about 1% to about 60% of the resin composition by weight of the resin therein.

58-80. (Cancelled)

81. (New) The method of claim 24 further comprising a material that degrades when subjected to a subterranean formation temperature.

82. (New) The method of claim 41 further comprising a material that degrades when subjected to a subterranean formation temperature.